<The computer organization principles> Course Description

**Course Number：**3132100210

**Course：**The computer organization principles

**Credit(s)：** 5 credits, 80 hours

**Course Description：**This course is a basic course of computer science majors, students an in-depth understanding of the inner workings of a computer system, understanding the concept of hierarchical structure of computer system, understanding the interface between hardware and software, master the basic knowledge and basic instruction set architecture implementations. Through this course of theory and practice to study, to make the students master the single processor system composition principle and method, clear to establish the computer machine concept, preliminary has the hardware design and debug ability.

**Prerequisite(s)：**Digital logic system